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Applicants:

Glen Ragan et al.

US Application No.:

International Application No: PCT/US00/06032

International Filing Date: 8 MARCH 2000

Priority Date: 17 MARCH 1999

Title: CALIBRATION OF SENSORS

B.B. 12-31-01

Attorney Docket IO-1014/PCT

PRELIMINARY AMENDMENT

With the transmission of the filing of the referenced application under 35 USC 3.71, Applicants submit the following Preliminary Amendment.

IN THE CLAIMS

Please delete the originally filed claims 1-9.

Please add the following new claims and proceed with the national examination procedures under 35 USC 3.71:

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1 2 15.

A method of calibrating a plurality of seismic sensors, each sensor having an axis of sensitivity, comprising:

coupling the sensors with each sensor positioned with its axis of sensitivity in a different spatial direction;

rotating the sensors;

measuring one or more output signals from the sensors;

processing the output signals from the sensors; and storing one or more calibration coefficients.

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The method of claim \mathscr{K} , wherein the sensors comprise micro-machined accelerometers.